

Abstract of the Disclosure

A flow verification sensor apparatus (30) is used with a constant volume pump (11) that pumps a liquid product (13) from a container (12). A plummet (32) is positioned in a flow tube (31). A sensor (33) is positioned upward from the lower end of the flow tube (31). A timer (34) measures the length of time for the plummet (32) to move from a first position to a second position after activation of the pump (11). Suitable alarms (50) are operated to indicate low flow or out of product conditions.